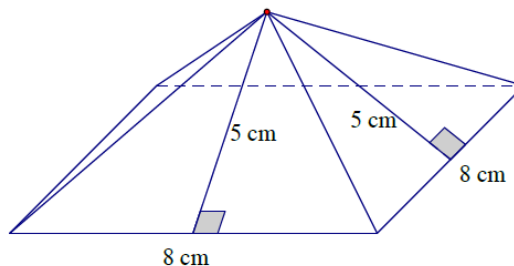


Lesson 23: Surface Area

Classwork

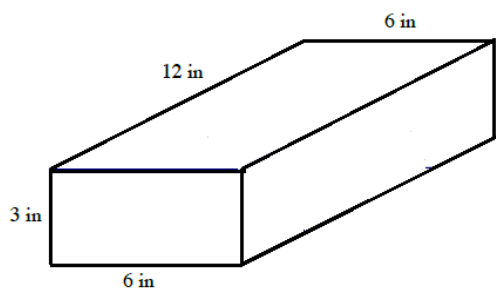
Opening Exercise

Calculate the surface area of the square pyramid.

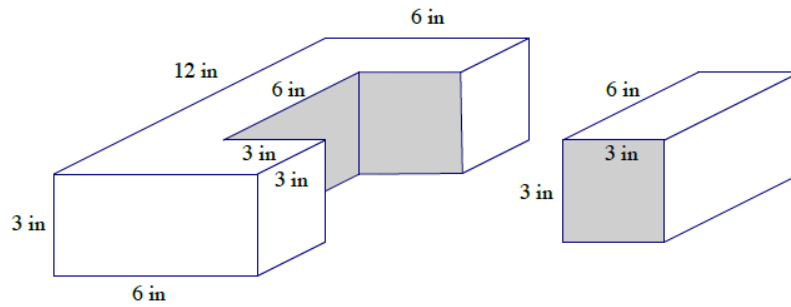


Example 1

- a. Calculate the surface area of the rectangular prism.



- b. Imagine that a piece of the rectangular prism is removed. Determine the surface area of both pieces.

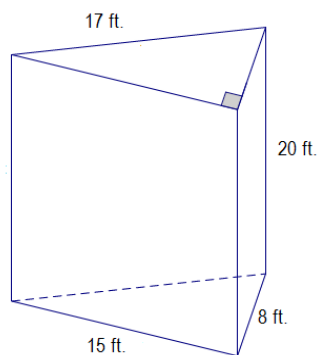


- c. How is the surface area in part (a) related to the surface area in part (b)?

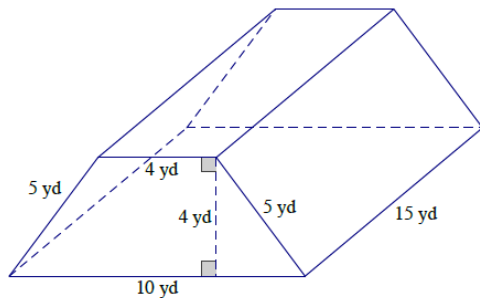
Exercises 1–5

Determine the surface area of the right prisms.

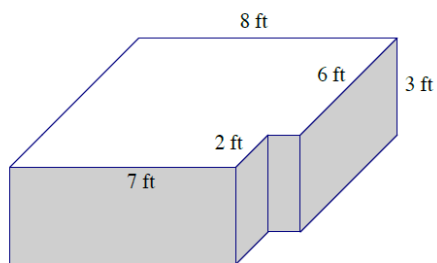
1.



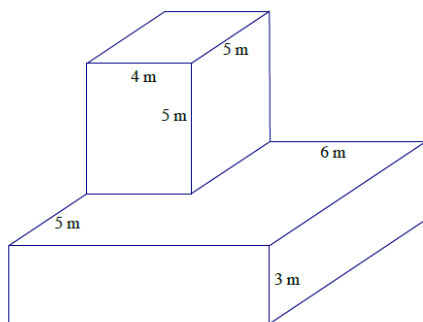
2.



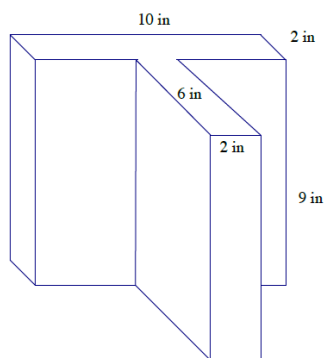
3.



4.



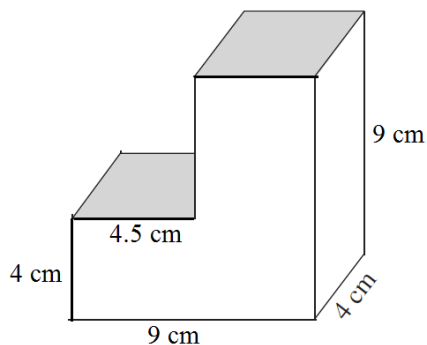
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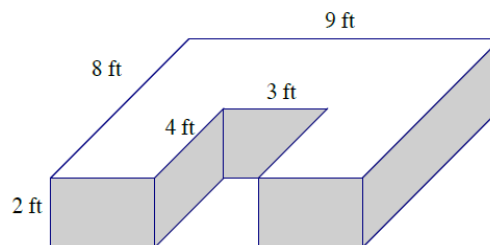
Problem Set

Determine the surface area of the figures.

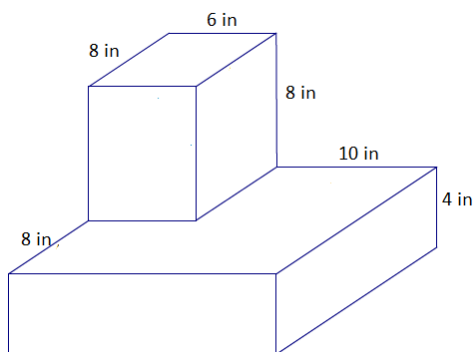
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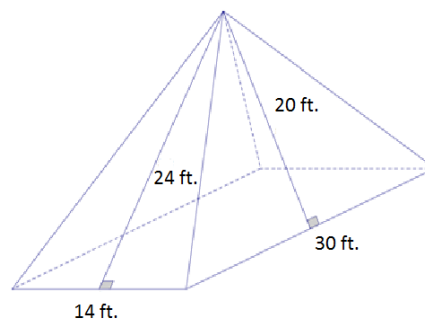
2.



3.



4.



5.

